

CERTIFICATO DI INSTALLAZIONE.

Il sottoscritto, installatore, certifica di aver eseguito personalmente l'installazione del dispositivo di allarme del veicolo descritto qui di seguito, conformemente alle istruzioni del fabbricante.

INSTALLATION CERTIFICATE

The undersigned, qualified installer, attests to have personally fitted the here described Vehicle Security Following the manufacturer instructions.

CERTIFICAT D' INSTALLATION

Je soussigné, installateur, certifie d'avoir fait personnellement l'installation du dispositif d'alarme du véhicule ci décrit, conforme aux instructions du constructeur.

INSTALLATIE CERTIFICAAT

Ondergetekende, erkende installateur, verklaart hierbij persoonlijk te hebben ingebouwd, het voertuig beveiligingssysteem volgens de fabrieksinstructies zoals hier beschreven.

Da :
By :
Par :
Door :

Venduto il :
Sold on :
Vendu le :
Verkocht op :

Tipo di dispositivo .
Type of product :
Type de dispositif:
Type product :

6539

Car
Véhicule
Auto

Firma, Signature, Handtekening.....

6539





INTRODUCTION.

GEMINI 6539.

The GEMINI 6539 is a Central Door Locking Module for the loading compartment of light commercial vehicles. This module must be connected to a GEMINI ALARM SYSTEM (e.g. : 7000 alarm line or 6090 / 6091 TNE alarm system) in order to provide a complete security system for the vehicle and for the goods transported.

DESCRIPTION.

- Central Door Locking Module for the loading compartment of light commercial vehicles - (12Volts electric plant).
- Output for two wires door actuators - (ref. GEMINI 2305).
- Status LED output.
- Alarm triggering output.
- Ignition Key input.
- Loading compartment door pin-switches input.
- Volumetric sensor input - (for the loading compartment - optional).
- External module input - from the connected alarm system - (+A / Pink wire).
- Active / Passive mode selection.
- Central Door locking Arming Delay selection : 15" or 30" after the Alarm arming

FITTING INSTRUCTIONS (reserved to the installer).

- The alarm system, connected to the 6539 module, must be fitted following the concerning instructions.
- Connect the PINK wire of the 6539 module to the PINK wire of the alarm system.
- Connect the YELLOW wire of the 6539 module to the ignition key of the vehicle.
- Connect the GREEN wire of the 6539 module to the GREEN wire of the alarm system.
- Connect the GREEN/GREY wire of the 6539 module to the door pin-switches of the loading compartment (if the vehicle is not equipped with the pin-switched on the loading compartment doors IT'S MANDATORY to fit these devices during the installation of the 6539 module !!).
- Connect the GREEN/BLACK wire of the 6539 module to the alarm output of a volumetric protection module (for the loading compartment - optional).
- Connect the RED and BLUE wires of the 6539 module to the loading compartment actuators wires.
- The WHITE wire of the 6539 module allows to select the functional mode of the Central Door Locking system for the loading compartment :
 WHITE wire to the ground ⇒ PASSIVE mode - (see "PASSIVE MODE" chapter).
 WHITE wire not connected ⇒ ACTIVE mode
- The WHITE/BLACK wire of the 6539 module allows to select two different arming timing of the loading compartment actuators :
 WHITE/BLACK wire to the ground ⇒ 30" after the alarm arming
 WHITE/BLACK wire not connected ⇒ 15" after the alarm arming
- The Status LED must be fitted on the vehicle dashboard and connected to the module wiring harness by the two ways black connectors.
- Connect the positive power supply to the positive pole of the vehicle battery and the negative power supply to the negative pole of the vehicle battery or to the vehicle frame.

Note : during the power supply connection the status LED will emit four flashes in order to show the proper working of the module.

- **IMPORTANT** : in order to obtain the properly working of the 6539 module it's mandatory to connect the GREEN/GREY wire to the loading compartment door pin-switches.

OPERATING INSTRUCTIONS (user and installer).

ALARM DISARMED / IGNITION KEY IN OFF POSITION.

On alarm disarmed, with the ignition key in OFF position, the security locks of the loading compartment are unlocked. In this condition it's possible for the user to have access to the loading compartment in order to load/unload the goods transported.

IGNITION KEY IN ON POSITION.

Turning the ignition key in ON position, with the loading compartment doors closed, the security locks of the loading compartment will be locked in five seconds. If at the moment of the engine starting the loading compartment doors are not closed, the locking of the security locks is not enabled. When the doors of the loading compartment are open the status LED is fix lighted.

When the security locks are locked the status LED will blink with the following timing : 0,2" ON / 1,5" OFF.

IGNITION KEY IN OFF POSITION.

Switching OFF the vehicle engine, ignition key in OFF position, the security locks of the loading compartment will be unlocked. The unlocking operation will be signalled by the status LED with ten fast flashes.

ALARM ARMING.

Arming the connected alarm system the security locks of the loading compartment will be locked after 15" or 30". If at the moment of the alarm system arming the loading compartment doors are not closed the locking of the security locks is not enabled.

During the arming delay (15" or 30") it's possible to halt this time count by open one of the loading doors. In this condition it's possible for the user to have access to the loading compartment in order to load/unload the goods transported.

The time count is suspended until the loading doors are in open position, during this break the alarm lines connected to the loading door pin-switches and to the optional volumetric sensor are not enabled.

During the break the status LED will blink with the following timing : 0,2" ON / 0,5" OFF.

The time count will restart closing the loading compartment doors, and after 15" or 30" the security locks will be locked.

ALARM DISARMING.

Disarming the connected alarm system the security locks of the loading compartment will be unlocked. The unlocking operation will be signalled by the status LED with ten fast flashes.

PASSIVE MODE.

If the WHITE wire of the 6539 module is connected to the ground the PASSIVE MODE is enabled. In this condition the locking operation of the loading compartment locks are managed in the ways described above, plus by the closing of the loading compartment doors and by switching OFF the engine of the vehicle.

In the PASSIVE MODE the security locks doors will be locked after 25" from the closing of the last loading compartment door or after 25" from the switching OFF of the vehicle engine. During the passive arming delay (25") the status LED will blink in order to signal the pre-arming condition.

In the passive arming delay it's possible to re-open the loading compartment doors and halt the time count. The time count will restart closing the last loading compartment door.

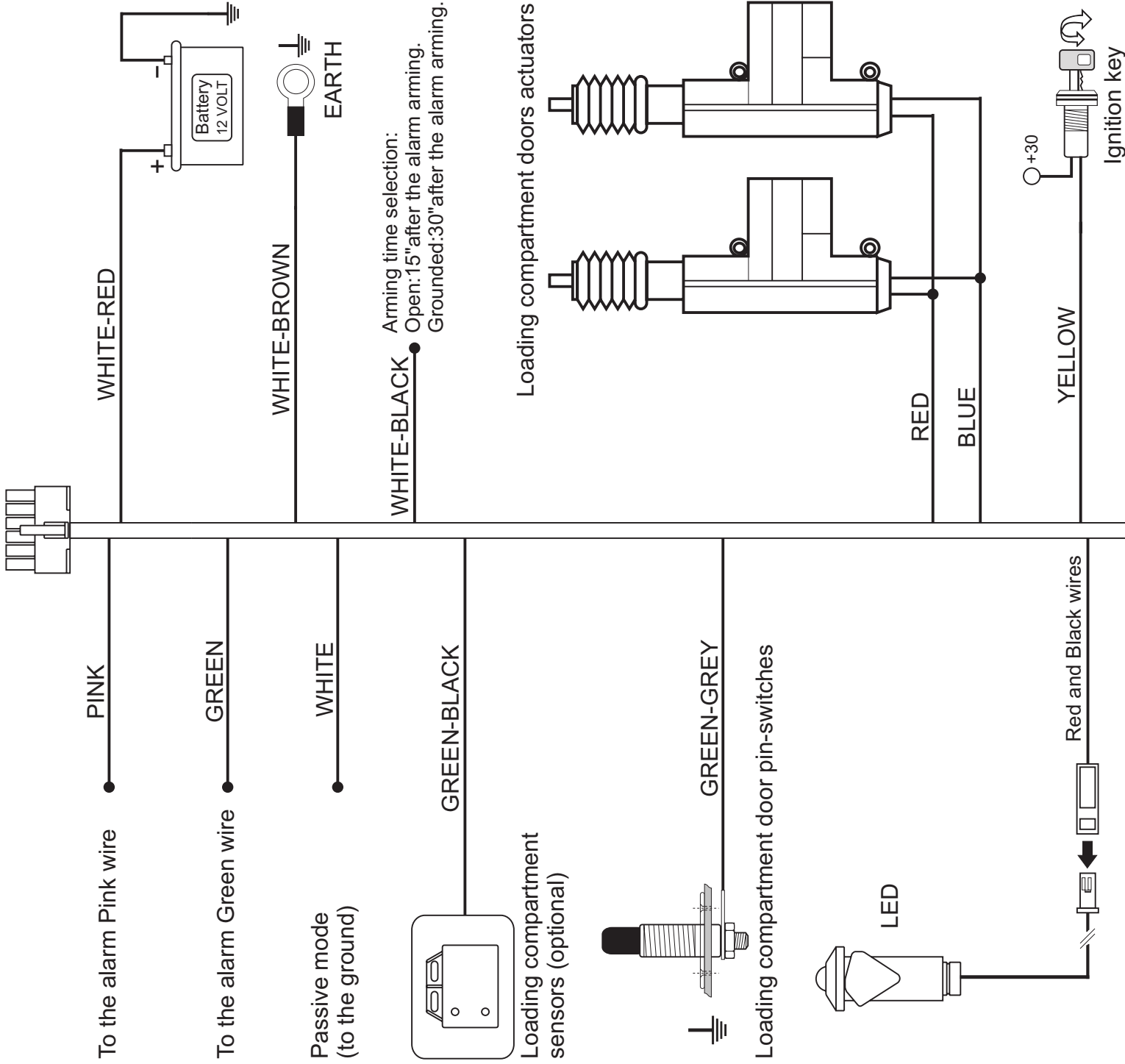
It's possible to unlock the loading compartment doors, after a PASSIVE MODE LOCKING, by arming and disarming the connected alarm system or by turning the ignition key in ON and then in OFF position.

TECHNICAL DATA	
Power Supply Voltage range	9-16 VDC
Current consumption	1mA
Working temperature range	-30° / + 125°C
Central Door Locking relay max current	10A at 20°C

WARRANTY CONDITIONS

The units are guaranteed against all manufacturing defects for 24 months after the date of installation. Please fill out the warranty certificate contained in this instruction booklet and DO NOT REMOVE the warranty label from the unit. A missing or broken label or an incomplete guarantee certificate form or the lack of a sales documents attached to it invalidates the warranty. The warranty is valid exclusively at centres authorized by Gemini Trading S.r.l. The manufacturer declines all liability for any anomalies/failures of the unit and/or the vehicle's electrical system caused by improper installation, tampering or improper use. The alarm has the exclusive function of dissuasion from theft.

FITTING DIAGRAM
REF.6539



REF.6539-CDL MODULE



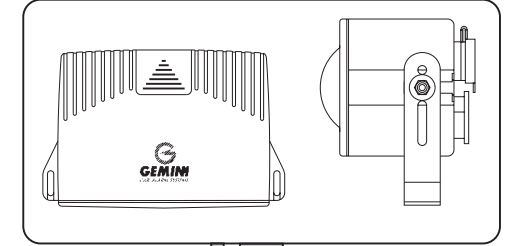
LED

Remote control



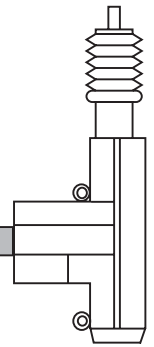
Ignition key

ALARM SYSTEM (modular or compact)

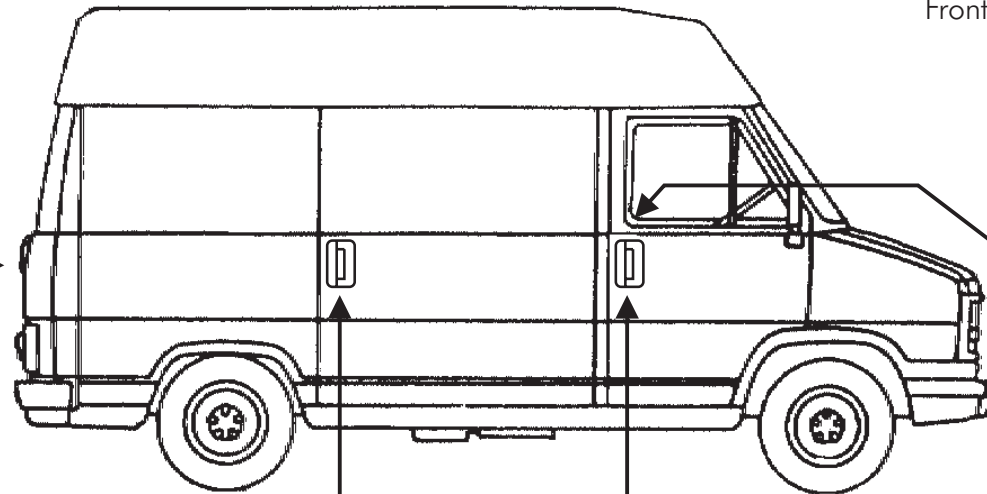
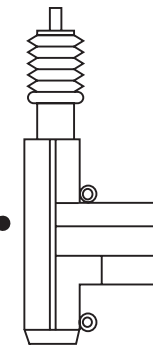


CDL MODULE / ALARM SYSTEM CONNECTIONS

Rear door actuator



Front left door actuator



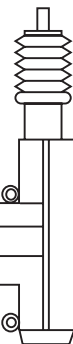
Rear door pin-switch



Sliding door pin-switch



Sliding door actuator



Front right door actuator

